

Post doctoral position in soybean drought physiology and genetics

A post doctoral position is available immediately in the Soybean Genomics and Biotechnology Laboratory at the University of Missouri. The research will focus on phenotyping for drought tolerance with a special emphasis on root architecture in soybean and dissection of candidate genes through QTL mapping and transgenic approaches. The successful candidate will conduct laboratory and greenhouse screenings for root system architecture and root plasticity under drought and normal conditions, and will also conduct biochemical and physiological assays for drought responses in soybean. The researcher will evaluate recombinant inbred line populations for QTL mapping and perform phenotypic analysis of transgenic plants for drought tolerance. Applicants should have a Ph.D. in plant biology, plant physiology, agronomy or a related discipline. The position requires a strong background in whole plant physiology and abiotic stress physiological methods. Experience in the use of equipment for crop physiology studies, root screenings, field studies, and statistical analysis is desirable. Excellent oral and written communication skills and the ability to work well in a collaborative research environment are essential. Applicants should provide a letter of interest, a complete CV, and three reference letters. Please include the following in the subject line: "PD Application for Soybean Drought Physiology and Genetics" and send the above requested information to:

Dr. Henry Nguyen (nguyenhenry@missouri.edu)

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